

## Refine Search

### Search Results -

Terms	Documents
L18 and (polishing or planarization or planarizing)	0

**Database:**

- US Pre-Grant Publication Full-Text Database
- US Patents Full-Text Database
- US OCR Full-Text Database
- EPO Abstracts Database
- JPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

**Search:**

### Search History

DATE: Friday, November 18, 2005 [Printable Copy](#) [Create Case](#)

Set

Name Query

side by  
side

*DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

L21 L18 and (polishing or planarization or planarizing)

*DB=PGPB,USPT,USOC; PLUR=YES; OP=ADJ*

L19 and (polishing or planarization or planarizing) and (51/\$.ccls. or (252/79.1  
L20 |252/79.2 |252/79.3 |252/79.4 |252/79.5).ccls. or (438/692 |438/693).ccls. or  
(106/3 |106/4 |106/5).ccls. or 510/\$.ccls. or 216/\$.ccls.)

(oxidizer or oxidizing agent or hydrogen peroxide or monopersulfates or iodates or magnesium perphthalate or peracetic acid or persulfates or bromates or perbromates or perchlorates or periodates or ferric nitrate or iron salts or cerium salts or Manganese salts or silver salts or copper salts or chromium salts or cobalt salts or halogens or hypochlorites) and (imine derivative or acetamidine or acetanidine near salt or acetamidine hydrochloride or amino-guanidine hydrochloride or amino adj guanidine or arginine or formamidine or formamidinesulfinic acid or formamidine acetate or diphenyl guanidine or methyl adj3 nitroguanidine or guanidine hydrochloride or tetramethylguanidine or azobis adj2 dimethyl adj propionamidine or guanidine sulfate or guanidine acetic acid or

Hit Set  
Count Name  
result  
set

0 L21

36 L20

guanidine carbonate or guanidine nitrate or hydrazine or carbohydrazide or acetic hydrazide or semicarbazide hydrochloride or diformylhydrazine or methylhydrazino adj carboxylate or oxalic dihydrazide or acetone azine or formic hydrazide) and (tetramethyl ammonium or tetraethyl ammonium or tetrabutylammonium or benzyltributylammonium or benzyltrimethylammonium or benzyltriethylammonium or diallyldimethylammonium or diethylaminoethyl methacrylate or dimethylaminoethyl methacrylate or methacryloyloxyethyltrimethylammonium or (methacrylamido) propyltrimethylammonium or triethylenetetramine or tetramethylguanidine or hexylamine or tetramethyl ammonium nitrate or tetramethyl ammonium chloride or tetramethyl ammonium fluoride or tetraethyl ammonium nitrate or tetrabutylammonium fluoride or tetraethylammonium nitrate or tetraethylammonium fluoride or benzyltributylammonium chloride or benzyltrimethylammonium chloride or benzyltriethylammonium chloride or diallyldimethylammonium chloride or diallyldiethylammonium chloride or diethylaminoethyl methacrylate or dimethylaminoethyl methacrylate or methacryloyloxyethyltrimethylammonium sulfate or methacryloyloxyethyltrimethylammonium chloride or methacrylamido propyltrimethylammonium chloride or triethylenetetramine or tetramethylguanidine or hexylamine or tetraethyl ammonium or tetrabutylammonium or benzyltributylammonium or benzyltrimethylammonium or benzyltriethylammonium)

DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

(oxidizer or oxidizing agent or hydrogen peroxide or monopersulfates or iodates or magnesium perphthalate or peracetic acid or persulfates or bromates or perbromates or perchlorates or periodates or ferric nitrate or iron salts or cerium salts or Manganese salts or silver salts or copper salts or chromium salts or cobalt salts or halogens or hypochlorites) and (imine derivative or acetamidine or acetanidine near salt or acetamidine hydrochloride or amino-guanidine hydrochloride or amino adj guanidine or arginine or formamidine or formamidinesulfinic acid or formamidine acetate or diphenyl guanidine or methyl adj3 nitroguanidine or guanidine hydrochloride or tetramethylguanidine or azobis adj2 dimethyl adj propionamidine or guanidine sulfate or guanidine acetic acid or guanidine carbonate or guanidine nitrate or hydrazine or carbohydrazide or acetic hydrazide or semicarbazide hydrochloride or diformylhydrazine or methylhydrazino adj carboxylate or oxalic dihydrazide or acetone azine or formic hydrazide) and (tetramethyl ammonium or tetraethyl ammonium or tetrabutylammonium or benzyltributylammonium or benzyltrimethylammonium or benzyltriethylammonium or diallyldimethylammonium or diethylaminoethyl methacrylate or dimethylaminoethyl methacrylate or methacryloyloxyethyltrimethylammonium or (methacrylamido) propyltrimethylammonium or triethylenetetramine or tetramethylguanidine or hexylamine or tetramethyl ammonium nitrate or tetramethyl ammonium chloride or tetramethyl ammonium fluoride or tetraethyl ammonium nitrate or tetrabutylammonium fluoride or tetraethylammonium nitrate or tetraethylammonium fluoride or benzyltributylammonium chloride or benzyltrimethylammonium chloride or diallyldimethylammonium chloride or diallyldiethylammonium chloride or diethylaminoethyl methacrylate or dimethylaminoethyl methacrylate or methacryloyloxyethyltrimethylammonium sulfate or

11622 L19

19 L18

http://westbrs:9000/bin/gate.exe?f=TOC1&state=s79pe2.22.1

methacryloyloxyethyltrimethylammonium chloride or methacrylamido propyltrimethylammonium chloride or triethylenetetramine or tetramethylguanidine or hexylamine or tetraethyl ammonium or tetrabutylammonium or benzyltributylammonium or benzyltrimethylammonium or benzyltriethylammonium)

DB=PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=ADJ

((oxidizer or oxidizing agent or hydrogen peroxide or monopersulfates or iodates or magnesium perphthalate or peracetic acid or persulfates or bromates or perbromates or perchlorates or periodates or ferric nitrate or iron salts or cerium salts or Manganese salts or silver salts or copper salts or chromium salts or cobalt salts or halogens or hypochlorites) and (imine derivative or acetamidine or acetanidine near salt or acetamidine hydrochloride or amino-guanidine hydrochloride or amino adj guanidine or arginine or formamidine or formamidinesulfinic acid or formamidine acetate or diphenyl guanidine or methyl adj3 nitroguanidine or guanidine hydrochloride or tetramethylguanidine or azobis adj2 dimethyl adj propionamidine or guanidine sulfate or guanidine acetic acid or guanidine carbonate or guanidine nitrate or hydrazine or carbohydrazide or imidazole or acetic hydrazide or semicarbazide hydrochloride or diformylhydrazine or methylhydrazino adj carboxylate or oxalic dihydrazide or acetone azine or formic hydrazide) and (ammonium near salt or tetramethyl ammonium or tetraethyl ammonium or tetrabutylammonium or benzyltributylammonium or benzyltrimethylammonium or

L17 benzyltriethylammonium or diallyldimethylammonium or diethylaminoethyl methacrylate or dimethylaminoethyl methacrylate or methacryloyloxyethyltrimethylammonium or (methacrylamido) propyltrimethylammonium or triethylenetetramine or tetramethylguanidine or hexylamine or tetramethyl ammonium nitrate or tetramethyl ammonium chloride or tetramethyl ammonium fluoride or tetraethyl ammonium nitrate or tetrabutylammonium fluoride or tetraethylammonium nitrate or tetraethylammonium fluoride or benzyltributylammonium chloride or benzyltrimethylammonium chloride or benzyltriethylammonium chloride or diallyldimethylammonium chloride or diallyldiethylammonium chloride or diethylaminoethyl methacrylate or dimethylaminoethyl methacrylate or methacryloyloxyethyltrimethylammonium sulfate or methacryloyloxyethyltrimethylammonium chloride or methacrylamido propyltrimethylammonium chloride or triethylenetetramine or tetramethylguanidine or hexylamine or tetraethyl ammonium or tetrabutylammonium or benzyltributylammonium or benzyltrimethylammonium or benzyltriethylammonium) and (polishing or planarization or planarizing)).clm.

L16 ep-1229093-\$ did. or ep-1279708-\$ did.

19 L17

4 L16

((oxidizer or oxidizing agent or hydrogen peroxide or monopersulfates or iodates or magnesium perphthalate or peracetic acid or persulfates or bromates or perbromates or perchlorates or periodates or ferric nitrate or iron salts or cerium salts or Manganese salts or silver salts or copper salts or chromium salts or cobalt salts or halogens or hypochlorites) and (imine derivative or acetamidine or acetanidine near salt or acetamidine hydrochloride or amino-guanidine hydrochloride or amino adj guanidine or arginine or formamidine or formamidinesulfinic acid or formamidine acetate or diphenyl guanidine or methyl adj3 nitroguanidine or guanidine hydrochloride or tetramethylguanidine or azobis adj2 dimethyl adj propionamidine or guanidine sulfate or guanidine acetic acid or

guanidine carbonate or guanidine nitrate or hydrazine or carbohydrazide or imidazole or acetic hydrazide or semicarbazide hydrochloride or diformylhydrazine or methylhydrazino adj carboxylate or oxalic dihydrazide or acetone azine or formic hydrazide) and (ammonium near salt or tetramethyl ammonium or tetraethyl ammonium or tetrabutylammonium or benzyltributylammonium or benzyltrimethylammonium or benzyltriethylammonium or diallyldimethylammonium or diethylaminoethyl methacrylate or dimethylaminoethyl methacrylate or methacryloyloxyethyltrimethylammonium or (methacrylamido) propyltrimethylammonium or triethylenetetramine or tetramethylguanidine or hexylamine or tetramethyl ammonium nitrate or tetramethyl ammonium chloride or tetramethyl ammonium fluoride or tetraethyl ammonium nitrate or

L15 tetrabutylammonium fluoride or tetraethylammonium nitrate or tetraethylammonium fluoride or benzyltributylammonium chloride or benzyltrimethylammonium chloride or benzyltriethylammonium chloride or diallyldimethylammonium chloride or diallyldiethylammonium chloride or diethylaminoethyl methacrylate or dimethylaminoethyl methacrylate or methacryloyloxyethyltrimethylammonium sulfate or methacryloyloxyethyltrimethylammonium chloride or methacrylamido propyltrimethylammonium chloride or triethylenetetramine or tetramethylguanidine or hexylamine or tetraethyl ammonium or tetrabutylammonium or benzyltributylammonium or benzyltrimethylammonium or benzyltriethylammonium) and (tan or tantalum adj nitride) and (pdo or carbon adj doped adj2 oxide or carbon adj doped adj glass) and (selectivity or polishing adj rate)

8 L15

*DB=PGPB,USPT; PLUR=YES; OP=ADJ*

L13 and (imine derivative or acetamidine or acetanidine near salt or acetamidine hydrochloride or amino-guanidine hydrochloride or amino adj guanidine or arginine or formamidine or formamidinesulfonic acid or formamidine acetate or diphenyl guanidine or methyl adj3 nitroguanidine or guanidine hydrochloride or

L14 tetramethylguanidine or azobis adj2 dimethyl adj propionamidine or guanidine sulfate or guanidine acetic acid or guanidine carbonate or guanidine nitrate or hydrazine or carbohydrazide or imidazole or acetic hydrazide or semicarbazide hydrochloride or diformylhydrazine or methylhydrazino adj carboxylate or oxalic dihydrazide or acetone azine or formic hydrazide)

L13 20020095874 or 20040147118 or 20050029491 or 20050031789

4 L14

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

L12 L11 and (tan or tantalum adj nitride) and (pdo or carbon adj doped adj2 oxide or carbon adj doped adj glass) same (selectivity or polishing adj rate)

4 L139 L12

(oxidizer or oxidizing agent or hydrogen peroxide or monopersulfates or iodates or magnesium perphthalate or peracetic acid or persulfates or bromates or perbromates or perchlorates or periodates or ferric nitrate or iron salts or cerium salts or Manganese salts or silver salts or copper salts or chromium salts or cobalt salts or halogens or hypochlorites) and (imine derivative or acetamidine or acetanidine near salt or acetamidine hydrochloride or amino-guanidine hydrochloride or amino adj guanidine or arginine or formamidine or formamidinesulfonic acid or formamidine acetate or diphenyl guanidine or methyl adj3 nitroguanidine or guanidine hydrochloride or tetramethylguanidine or azobis adj2 dimethyl adj propionamidine or guanidine sulfate or guanidine acetic acid or

L11 72580 L11

guanidine carbonate or guanidine nitrate or hydrazine or carbohydrazide or imidazole or acetic hydrazide or semicarbazide hydrochloride or diformylhydrazine or methylhydrazino adj carboxylate or oxalic dihydrazide or acetone azine or formic hydrazide) and ammonium

<u>L10</u>	20040171265 and L2	1	<u>L10</u>
<u>L9</u>	L8 and L2	2	<u>L9</u>
<u>L8</u>	20030153184	2	<u>L8</u>
<u>L7</u>	L2 and (tan or tantalum adj nitride) and (pdo or carbon adj doped adj2 oxide or carbon adj doped adj glass)	37	<u>L7</u>
<u>L6</u>	L4 and (pdo or carbon adj doped adj2 oxide or carbon adj doped adj glass)	1	<u>L6</u>
<u>L5</u>	L4 and (pdo or carbon adj doped oxide)	1	<u>L5</u>
<u>L4</u>	L3 and (tan or tantalum adj nitride)	4	<u>L4</u>
<u>L3</u>	L2 and L1  (oxidizer or oxidizing agent or hydrogen peroxide or monopersulfates or iodates or magnesium perphthalate or peracetic acid or persulfates or bromates or perbromates or perchlorates or periodates or ferric nitrate or iron salts or cerium salts or Manganese salts or silver salts or copper salts or chromium salts or cobalt salts or halogens or hypochlorites) and (imine or acetamidine hydrochloride or amino-guanidine hydrochloride or amino adj guanidine or arginine or	4	<u>L3</u>
<u>L2</u>	formamidine or formamidinesulfonic acid or formamidine acetate or diphenyl guanidine or methyl adj3 nitroguanidine or guanidine hydrochloride or tetramethylguanidine or azobis adj2 dimethyl adj propionamidine or guanidine sulfate or guanidine acetic acid or guanidine carbonate or guanidine nitrate or hydrazine or carbohydrazide or imidazole or acetic hydrazide or semicarbazide hydrochloride or diformylhydrazine or methylhydrazino adj carboxylate or oxalic dihydrazide or acetone azine or formic hydrazide)	115705	<u>L2</u>
<i>DB=PGPB, USPT, USOC; PLUR=YES; OP=ADJ</i>			
	3895956.pn. or 5391258.pn. or 5676587.pn. or 5860848.pn. or 5985748.pn. or		
<u>L1</u>	6001730.pn. or 6436834.pn. or 20010055880 or 20020016073 or 20020019202 or 20020022370 or 20020025605 or 20020025762 or 20020197937 or 20030131535 or 20030181345	16	<u>L1</u>

END OF SEARCH HISTORY